

SWALLOW.

AN
ALMANAC

for the Year of our
LORD GOD

1671.

Being the third after Bissextile or Leap-years
and from the Worlds Creation
5675.

Calculated properly for the Meridian
of the University and Town of
CAMBRIDGE:

Where the Pole is elevated 52 de-
grees and 17 min. above the Horizon.

Omnia falce meret Tempus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to
the University. 1671.

Swallow, 1671.

A Table of the hour and minute of Sun-rising every second day.

days	Januar.	Februar	March	April	May	June
ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. m.	ho. mi.
2	8 4	7 15	6 16	5 14	4 21	3 46
4	8 1	7 11	6 12	5 10	4 17	3 45
6	7 58	7 7	6 8	5 6	4 14	3 44
8	7 56	7 3	6 4	5 2	4 11	3 43
10	7 53	6 57	6 0	4 58	4 7	3 43
12	7 51	6 53	5 56	4 54	4 5	3 43
14	7 48	6 50	5 52	4 50	4 2	3 43
16	7 45	6 46	5 48	4 46	4 0	3 44
18	7 43	6 42	5 44	4 43	3 58	3 45
20	7 40	6 38	5 40	4 39	3 56	3 46
22	7 37	6 34	5 36	4 35	3 54	3 47
24	7 33	6 30	5 32	4 32	3 52	3 48
26	7 29	6 26	5 29	4 29	3 50	3 49
28	7 25	6 22	5 25	4 25	3 48	3 50
30	7 21	6 0	5 21	4 22	3 47	3 52
days	July	August	Septem.	Octob.	Novr.	Decem.
ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. m.	ho. mi.
2	3 54	4 39	5 39	6 41	7 37	8 15
4	3 56	4 43	5 42	6 45	7 40	8 15
6	3 58	4 46	5 46	6 49	7 44	8 16
8	4 0	4 50	5 50	6 52	7 47	8 17
10	4 3	4 54	5 54	6 56	7 51	8 17
12	4 6	4 58	5 58	7 0	7 54	8 17
14	4 8	5 2	6 2	7 4	7 57	8 17
16	4 11	5 6	6 6	7 8	7 59	8 16
18	4 15	5 10	6 11	7 12	8 1	8 15
20	4 18	5 14	6 15	7 15	8 3	8 15
22	4 21	5 18	6 20	7 19	8 5	8 14
24	4 24	5 21	6 24	7 22	8 7	8 13
26	4 27	5 25	6 28	7 25	8 9	8 10
28	4 30	5 29	6 32	7 29	8 11	8 9
30	4 34	5 32	6 36	7 32	8 13	8 7

Seek the day on the side; and right against it, in every moneth, you have the hour and minute of Sun-rising.

Swallow, 1671.

A Table of the ho. and min. of Sun-ſetting every 2^d day of the year.

Days	January ho. mi.	February ho. mi.	March ho. mi.	April ho. mi.	May ho. mi.	June ho. mi.
2	3 56	4 45	5 44	6 46	7 39	8 14
4	3 59	4 49	5 48	6 50	7 43	8 15
6	4 2	4 53	5 52	6 54	7 46	8 16
8	4 4	4 57	5 56	6 58	7 49	8 17
10	4 7	5 3	6 0	7 2	7 53	8 17
12	4 9	5 7	6 4	7 6	7 55	8 17
14	4 12	5 10	6 8	7 10	7 58	8 17
16	4 15	5 14	6 12	7 14	8 0	8 16
18	4 17	5 18	6 16	7 17	8 2	8 15
20	4 20	5 22	6 20	7 21	8 4	8 14
22	4 23	5 26	6 24	7 25	8 6	8 13
24	4 27	5 30	6 28	7 28	8 8	8 12
26	4 31	5 34	6 31	7 31	8 10	8 11
28	4 35	5 38	6 35	7 35	8 12	8 10
30	4 39	0 0	6 39	7 38	8 13	8 8
Days	July ho. mi.	August ho. mi.	Septem. ho. mi.	October ho. mi.	Novem ho. mi.	Decemb ho. mi.
2	8 6	7 21	6 21	3 19	4 23	3 45
4	8 4	7 17	6 18	3 15	4 20	3 45
6	8 2	7 14	6 14	3 11	4 16	3 44
8	8 0	7 10	6 10	3 8	4 13	3 43
10	7 57	7 6	6 6	3 4	4 9	3 43
12	7 54	7 2	6 2	3 0	4 6	3 43
14	7 52	6 58	5 58	4 56	4 3	3 43
16	7 49	6 54	5 54	4 52	4 1	3 44
18	7 45	6 50	5 49	4 48	3 59	3 45
20	7 42	6 46	5 45	4 45	3 57	3 45
22	7 39	6 42	5 40	4 41	3 55	3 46
24	7 36	6 39	5 36	4 38	3 53	3 48
26	7 33	6 35	5 32	4 35	3 51	3 50
28	7 30	6 31	5 28	4 31	3 49	3 51
30	7 26	6 28	5 24	4 28	3 47	3 52

Swallow, 1671.

THe Golden Number this year
The Cycle of the Sun 18.
The Dominical Letter

The Epact 19
29
3

This year is also from	The Creation of the World	5675
	The Flood of Noah	4018
	The coming of Israel out of Egypt	3166
	The building of York	2658
	The building of Rome	2423
	The burning of Solomons Temple	3258
	The building of Cambridge	1971
	The Baptisme of Christ	1644
	The Death of Christ	1641
	The destruction of Jerusalem	1601
	The making of Cambridge an University	1034
	The Conquest of England by Duke William	605
	The Powder Treason, November 5.	66

And Note that on the 30th of Jan. the 23^d year of our Sov. Lord
K. Charles the II beginneth. Whom God grant long to reign. Amen.

The Anatomy of Mans body.

v Head and face.

8 Neck and throat.

6 Breast stomach and ribs.

4 Bowels and belly.

3 Secret members

2 Knees.



II Arms and shoulders.

5 Heart and back.

4 Reins and loyns.

3 Thighs.

2 Legs.

1 The feet.

January hath xxxi days.

New moon 1 day, 47 min. past 1 in the morning.
 First quarter 7 day, 28 min. past 11 at night.
 Full moon 15 day, 54 min. past 1 in the morning.
 Last quarter 23 day, just at 3 in the morning.
 New moon 30 day, 54 min. past 2 after noon.

1	a	Circ. of Chr.	21	30	Capr.	26	The year en-
2	b	Octab. Steph.	22	31	Aquar.	10	ters mildly.
3	c	Octab. John	23	32		24	
4	d	Telephorus	24	33	Pisces	8	Snow-like.
5	e	Simeon	25	34		23	Mixed wea-
6	f	Epiphany	26	35	Aries	7	ther.
7	g	Isidore	27	37		21	Snow or
8	a	1 aft. Epiph.	28	38	Taur.	5	rain.
9	b	Marcelline	29	39		19	☐ ♃ ☾
10	c	Sun in Aquar.	0	40	Gem.	3	Stormy
11	d	Hyginus	1	41		17	cold winter
12	e	Archadius	2	42	Canc.	0	weather.
13	f	Hilary Bish.	3	44		14	
14	g	Felix	4	45		27	Rain or snow.
15	a	2 aft. Epiph.	5	46	Leo	10	Windy and
16	b	Marcellus	6	47		23	cold.
17	c	Antonius	7	48	Virgo	6	Cloudy and
18	d	Disca	8	49		18	snow-like.
19	e	Wolstan bish.	9	50	Libra	0	Milder air.
20	f	Octab. Hilar.	10	51		12	Rain and
21	g	Agnes	11	51		24	something
22	a	3 aft. Epiph.	12	52	Scorp.	6	warm.
23	b	Term begins.	13	53		17	Fair and
24	c	Timothy	14	54	Sagit.	0	freezing.
25	d	Conv. of Paul	15	55		12	Not very
26	e	Polycarp.	16	56		21	bad.
27	f	Quind. Hilar.	17	57	Capr.	7	* ♄ ☾
28	g	Agnes II.	18	57		21	☐ ♂ ☾
29	a	4 aft. Epiph.	19	58	Aquar.	5	Snow and
30	b	K. Char. Mar.	20	59		19	cold wind.
31	c	Saturnine.	22	0	Pisces	3	Cloudy.

February hath xxviii days.

First quarter 6 day, 6 min. past 7 in the morning.

Full moon 13 day, 8 min. past 6 at night.

Last quarter 21 day, 35 min. past 10 at night.

1	d	Walpurg Fast	23	0	Pisces	18	Pretty good
2	e	Purif. of Ma.	24	1	Aries	3	weather till
3	f	Craft. Purif.	25	1		17	the fourteenth
4	g	Geronica.	26	2	Taur.	2	day.
5	h	6 aft. Epiph.	27	3		16	☐ ♃ ☾
6	i	Dorothea	28	3	Gem.	0	Rain-like.
7	j	Zacharias	29	3		14	* ♃ ☾
8	k	Sun in Pisces	0	4		27	* ♂ ☾
9	l	Octab. Purif.	1	4	Canc.	10	△ ♀ ☾
10	m	Scholastica	2	5		23	☐ ♂ ☾
11	n	Euphrosina	3	5	Leo	6	♂ ♃ ☾
12	o	6 aft. Epiph.	4	5		19	
13	p	Term ends	5	6	Virg.	2	△ ♂ ☾
14	q	Valentine	6	6		14	Wind, snow
15	r	Faustine	7	6		26	or rain.
16	s	Juliana	8	6	Libra	7	* ♃ ☾
17	t	Constant	9	7		20	Right winter
18	u	Concordia	10	7	Scorp.	2	weather on
19	v	Septuagesim.	11	7		14	these days.
20	w	Eucharis	12	7		26	♂ ♃ ♀
21	x	69 Martyrs	13	7	Sagit.	8	☐ ♃ ☾
22	y	Cath. Pet.	14	7		20	Something
23	z	Seren. Fast	15	7	Capr.	2	better.
24	a	Matthias Ap.	16	7		16	* ♃ ☾
25	b	Constance	17	7		29	* ♀ ☾
26	c	Sexagesima	18	7	Aquar.	13	♂ ♃ ☾
27	d	Fortunatus	19	7		27	Some clonds
28	e	Olwald bish.	20	6	Pisc.	12	and wind.

March hath xxxi days.

New moon 1 day, 45 min. past 1 in the morning.

First quarter 7 day, just at noon.

Full moon 15 day, 11 min. past 11 before noon.

Last quarter 23 day, 33 min. past 2 after noon.

New moon 30 day, 41 min. past 10 before noon.

1	d	David bish.	11	6	Pisces	27	Rain-like.
2	e	Chad. bish.	22	6	Aries	12	Very good
3	f	Eutropius	23	5		27	and mild
4	g	Adrian.	24	5	Taur.	11	for many
5	h	Shrove-sund.	25	5		26	days after.
6	b	Fridericus	26	4	Gem.	10	Cloudy.
7	c	Perpetua	27	4		24	☐ ☉ ☾
8	d	Ashwednesd.	28	3	Canc.	7	* ♂ ☾
9	e	Agapite	29	3		21	Temperate.
10	f	Sun in Aries	0 V	2	Leo	3	Fair and
11	g	Cunibert.	1	1		16	good.
12	h	Quadragesim.	2	0		28	Something
13	b	Ernestus	3	0	Virg.	11	cold and
14	c	Candid. m.	4	59		23	cloudy.
15	d	Ember week	4	58	Libra	5	Temperate.
16	e	Cyriacus	5	57		17	Rain-like.
17	f	Gertrude	6	57		29	Fair and
18	g	Gabriel	7	56	Scorp.	11	windy about
19	h	Ordination	8	55		21	this time.
20	b	Rupertus	9	54	Sagit.	4	Fair and
21	c	Benedict	10	53		16	good.
22	d	Aphrodisius	11	52		29	Cold storms
23	e	Theodore	12	51	Capr.	11	and wind.
24	f	Quir. Fast	13	50		24	Rainy ☐ ♀ ☾
25	g	Annon. Mary	14	48	Aquar.	7	weather.
26	h	3 fund. Lent	15	47		21	☐ ♂ ☾
27	b	Martian	16	46	Pisces	5	* ♀ ☾
28	c	Dorothy virg	17	45		20	♂ ♀ ☾ Some
29	d	Eustach.	18	44	Aries	5	wind.
30	e	Guido	19	43		25	Fair and
31	f	Valbina	20	42	Taur.	5	good.

April hath xxx days.

First quarter 6 day, 42 min. past 3 in the morn.
 Full moon 14 day, 6 min. past 4 in the morn.
 Last quarter 22 day, 32 min. past 2 in the morn.
 New moon 28 day, 30 min. past 6 at night.

1	g	Theodosius	21	41	Taur.	20	Good wea-
2	a	Midlent fund.	22	39	Gem	5	ther.
3	b	Chrystina	23	38		20	* ☉ ☾
4	c	Ambrose	24	37	Canc.	4	Showers.
5	d	Vincent.	25	35		17	* ♀ ☾
6	e	Sixtus	26	34	Leo	0	* ♂ ☾
7	f	Celestine	27	32		13	Showers and
8	g	Dionysius	28	30		25	wind.
9	a	5 fund. in lent	29	29	Virgo	8	☐ ♂ ☾
10	b	Sun in Taur.	08	27		20	Cloudy.
11	c	Leo	1	16	Libra	2	Δ ♂ ☾
12	d	Julius	2	24		14	Wind.
13	e	Justinus	3	21		26	* ♀ ♂
14	f	Cibartius	4	20	Scorp.	7	☐ ♀ ☾
15	g	Olympia	5	18		19	8 ♀ ☾ Wet
16	a	Palm-sunday	6	17	Sagit.	1	weather.
17	b	Anicete	7	15		13	☐ ♀ ☾
18	c	Valerian	8	13		26	Fair and
19	d	Elphege.	9	11	Capr.	8	good wea-
20	e	Sulphittus	10	9		20	ther.
21	f	Good Friday.	11	7	Aquar.	3	
22	g	Soother breg.	12	5		16	Δ ♂ ☾
23	a	Easter day.	13	3	Pisces	0	☐ ♀ ☾
24	b	Albertus	14	1		14	Clouds and
25	c	Mark Evang.	14	59		29	wind.
26	d	Clete bish.	15	57	Aries	13	* ♂ ☾
27	e	Anasthasius	16	54		28	Warm and
28	f	Vitalis	17	51	Taur.	14	windy.
29	g	Sibylla	18	50		29	SS. ☉ ♂
30	a	Low sunday	19	48	Gem.	14	Rain-like.

May hath xxxi days.

First quarter 5 day, 7 min. past 4 after noon.
 Full moon 13 day, 50 min. past 7 at night.
 Last quarter 21 day, 5 min. past 11 before noon.
 New moon 28 day, 5 min. past 2 in the morn.

1	b	Phil. & Jam.	10	45	Gem.	28	The 3 and 4
2	c	Athanasius	21	43	Canc.	13	days cold.
3	d	Invent. Crucis	22	41		26	
4	e	Flavianus	23	38	Leo	9	
5	f	Gothard	24	36		22	Warmer.
6	g	Joh. Port. Lat.	25	34	Virgo	5	Wind south.
7	a	2 aft. Easter.	26	31		17	Cloudy.
8	b	Quind; Pasch.	27	29		29	
9	c	Hermes	28	26	Libra	11	South wind.
10	d	Term begins	29	24		22	Warm.
11	e	Sun in Gem.	0 II	21	Scorp.	4	Cloudy.
12	f	Pancratius	1	19		16	Rain and win-
13	g	Servatius	2	16		28	dy storms.
14	a	3 after Easter	3	14	Sagit.	10	Fairer.
15	b	Tres Pasch.	4	11		23	Wind and
16	c	Peregrine	5	8	Capr.	4	rain.
17	d	Iodocus	6	6		17	Good wea-
18	e	Potent.	7	3	Aquar.		ther.
19	f	Berhardine	8	1		13	♂ ♀ ☾
20	g	Bandellus	8	58		26	△ ♂ ☾
21	a	4 aft. Easter	9	55	Pisces	10	△ ♀ ☾
22	b	Mens. Pasch.	10	52		24	Windy and
23	c	Desiderius	11	50	Aries	8	wet.
24	d	Esther	12	47		22	Fair, and so
25	e	Urbanus	13	44	Taur.	7	continueth.
26	f	Augustine	14	41		22	* h ☾
27	g	Fede	15	38	Gem.	7	* ♀ ☾
28	a	Rogation sun.	16	36		22	□ h ☾
29	b	K. Charreux.	17	33	Canc.	6	Like to be
30	c	Wigand	18	30		2	some thunder.
31	d	Peironella	19	27	Leo	4	Dark air.

June hath xxx days.

First quart. 4 day, 35 min. past 6 in the morning.
 Full moon 12 day, 50 min. past 9 before noon.
 Last quart. 19 day, 15 min. past 5 afternoon.
 New moon 26 day, 21 min. past 10 before noon.

1	a	Ascension da	20	25	Leo	18	Cloudy
2	f	Craft. Ascen.	21	22	Virg.	1	dark
3	g	Crasmus	22	19		13	weather.
4	a	6 aft. Easter	23	16		25	* ♀ ☾
5	v	Term ends	24	13	Libra	7	Some
6	c	Artemius	25	10		19	wind.
7	d	Paul bish.	26	7	Scorp.	1	Rain. ☐ ♀ ☾
8	e	Medard	27	4		13	Hot wea-
9	f	Delagis	28	1		25	ther
10	g	Onophrius	28	59	Sagit.	7	Δ ♀ ☾
11	a	Whitsunday	Bar. Ap.			19	Cloudy
12	b	Blandina	0553		Capr.	1	air.
13	c	Cyrtillus	1	50		14	Hot weather.
14	d	Ember week	2	47		27	
15	e	Titus	3	44	Aquar.	10	♂ ♀ ☾
16	f	Roseland	4	41		23	♂ ♂ ♀ Bad
17	g	Bodolph	5	38	Pisces	7	weather.
18	a	Tri. Sun. Ord	6	35		20	Δ ♂ ☾
19	b	Craft. Trin.	7	32	Aries	4	☐ ☉ ☾
20	c	Sylberius	8	29		18	Windy wea-
21	d	Walburg	9	26	Taur.	2	ther.
22	e	Albane	10	23		17	Fair and
23	f	Term begins	11	20	Gem.	1	good.
24	g	John Baptist.	12	17		16	Very hot.
25	a	1. aft. Trin.	13	15	Canc.	0	* ♀ ☾
26	b	Octab. Trin.	14	12		15	Windy and
27	c	7 Sleepers	15	9		29	thunder-like,
28	d	Leo Fast	16	6	Leo	12	with moist,
29	e	Peter Apost.	17	3		26	air.
30	f	Com. of Paul	18	0	Virg.	9	Cloudy.

July hath xxxi days.

First quart. 3 day, 8 min. past 11 at night.
 Full moon the 11 day, 3 min. past 10 at night.
 Last quart. 18 day, 17 min. past 10 at night.
 New moon 25 day, 14 min. past 8 at night.

1	a	Theobald.	18	57	Virg.	21	Much hot
2	A	2 after Trin.	19	54	Libra	3	and drie
3	b	Quind. Trin.	20	51		15	weather the
4	c	Ulricus	21	49		27	most of this
5	d	Juliane	22	46	Scorp.	9	moneth.
6	e	Hector	23	43		21	☐ ♀ ☾
7	f	Eckel	24	40	Sagit.	3	△ ♂ ☾
8	g	Chiltan	25	37		15	△ ♀ ☾
9	A	3 after Trin.	26	34		27	
10	b	Tres Trin.	27	31	Capr.	10	△ ♀ ☾
11	c	Pius	28	29		23	♂ ☉ ☾
12	d	Termends	29	26	Aquar.	6	♂ ♂ ☾
13	e	Sun in Leo	0 ♄	23		20	♂ ♀ ☾
14	f	Convent.	1	20	Pisces	3	
15	g	S. Swithin	2	18		17	♂ ♀ ☾
16	A	4 after Trin.	3	15	Aries	3	* ♀ ☾
17	b	Alexius	4	12		17	Very hot
18	c	Basina	5	9		29	weather.
19	d	Dog d. begin	6	7	Taur.	13	△ ♀ ☾
20	e	Margaret	7	4		27	Some wind.
21	f	Arbogastus	8	2	Gem.	11	Not so hot,
22	g	Mary Mag.	8	59		25	perhaps rain.
23	A	5 after Trin.	9	56	Canc.	9	And so the
24	b	Christia. Fast	10	54		23	28 and 29.
25	c	James Apost.	11	51	Leo	7	Heat and
26	d	S. Anne	12	49		21	thunder.
27	e	Martha	13	46	Virg.	4	Rain follows.
28	f	Panthaleon	14	44		17	♂ ♀ ☾
29	g	Beatrice	15	41		29	♂ ♀ ☾
30	A	6 aft. Trin.	16	39	Libra	11	* ☉ ☾
31	b	Germanus	17	36		23	* ♀ ☾

August hath xxxi days.

First quart. 2 day, 45 min. past 4 after noon.

Full moon 10 day, 54 min. past 8 in the morn.

Last quart. 17 day, 33 min. past 3 in the morn.

New moon 24 day, 21 min. past 8 in the morn.

1	c	Lammas day.	18	34	Scorp.	5	Heat and
2	d	Stephanus	19	31		17	some
3	e	Dominicus	20	29		29	thunder.
4	f	Aritharchus	21	27	Sagit.	11	Δ ♀ ☾
5	g	Oswaldus	22	24		23	Fine fair hot
6	a	7 after Trin.	23	22	Capr.	5	weather.
7	b	Donatus	24	20		18	
8	c	Cyriacus	25	18	Aquar.	1	
9	d	Romanus	26	15		15	Very great
10	e	S. Lawrence	27	13		29	winds on
11	f	Elbertus	28	11	Pisces	13	these days
12	g	Elare	29	9		27	with thunder.
13	a	Sun in Virgo	one	7	Aries	11	8 ♀ ☾
14	b	Eusebius	1	5		26	Very fine
15	c	Assump. of M.	2	3	Taur.	10	weather.
16	d	Roth	3	1		24	☐ ♂ ☾
17	e	Wammes	3	59	Gem.	8	Hot and very
18	f	Helena	4	57		22	dry, with
19	g	Sebaldus	5	55	Canc.	4	coruscations.
20	a	9 aft. Trin.	6	53		19	Δ ♀ ☾
21	b	Cyriaca	7	51	Leo	3	Some hail in
22	c	Symphio.	8	49		16	some places.
23	d	Zecharus Fast	9	47		29	Great heat.
24	e	Barthol. Apo.	10	46	Virg.	12	8 ♀ ☾
25	f	Leues	11	44		25	Some wind.
26	g	Freneus	12	42	Libra	7	Fair weather.
27	a	Dog days end	13	40		19	
28	b	Augustine	14	39	Scorp.	1	* ♀ ☾
29	c	Decol. J. B.	15	37		13	Δ ♀ ☾
30	d	Felix	16	36		25	Cloudy and
31	e	Paulinus	17	34	Sagit.	7	dark.

September hath xxx days.

First quart. the 1 day, 42 min. past 10 before noon.
 Full moon 8 day, 39 min. past 6 at night. ● Eclipsed
 Last quart. 15 day, 18 min. past 10 before noon.
 New moon 22 day, 26 min. past 11 at night.

1	f	Giles Ab.	18	33	Sagit.	19	Temperate
2	g	Gerontica	19	31	Capr.	1	and mild
3	A	11 after Trin.	20	30		13	weather.
4	b	Theodosius	21	28		26	△ ○ ☾
5	c	Bertine	22	27	Aquar.	9	Rain-like.
6	d	Magnus	23	26		23	
7	e	Enurchus	24	24	Pisces	7	♂ ♀ ☾
8	f	Nat. of Mary	25	23		21	Cold air.
9	g	Gorgonius	26	22	Aries	6	
10	A	12 after Trin.	27	21		21	♂ ♀ ☾
11	b	Prothius	28	19	Taur.	5	Turbulent
12	c	Martinian	29	18		20	stormy wea-
13	d	Sun in Libra	0 ♋	17	Gem.	5	ther about
14	e	Holy Cross d.	1	16		19	these days.
15	f	Nichomedes	2	16	Canc.	3	* ♀ ☾
16	g	Euphemia	3	15		16	* ♂ ☾
17	A	13 after Trin.	4	14	Leo	0	Windy.
18	b	Methodius	5	13		13	
19	c	Januarius	6	11		16	Temperate
20	d	Em. week Fast	7	11	Virgo	8	weather.
21	e	Matthew An.	8	10		21	♂ ♂ ☾
22	f	Mauritius	9	9	Libra	3	♂ ○ ☾
23	g	Eldas	10	8		16	
24	A	Ordination	11	8		28	Td ♀ ☾ Cool
25	b	Cleophas	12	7	Scorp.	10	windy
26	c	S. Cyprian	13	6		21	weather.
27	d	Cosm. Dam.	14	6	Sagit.	3	Vc ○ ♀ cloudy
28	e	Wenceslaus	15	5		15	moist air.
29	f	Michael Arch.	16	5		27	More fair
30	g	Hierom P.	17	4	Capr.	9	and good.

October hath xxxi days.

First quart. 1 day, 38 min. past 3 in the morn.

Full moon 8 day, 13 min. past 4 in the morn.

Last quart. 14 day, 53 min. past 7 at night.

New moon 22 day, at 5 at night.

First quart. 30 day, 17 min. past 7 at night.

1	a	15 after Trin.	18	4	Capr.	22	Cool
2	b	Leodegar	19	3	Aqua.	4	wavering wea-
3	c	Candidus	20	3		17	ther.
4	d	Francis	21	2	Pisces	1	Moist air and
5	e	Apolline	22	2		15	cloudy.
6	f	Faith	23	2		29	♂ ♂ ☾ Some-
7	g	Marcellus	24	2	Aries	14	thing warm.
8	a	16 after Trin.	25	1		29	Scarce fair.
9	b	Dionysus	26	1	Taur.	14	Wind and
10	c	Cereon	27	1		29	wet.
11	d	Pitacus	28	1	Gem.	14	Temperate.
12	e	Wilfred B.	29	1		29	Windy
13	f	Sun in Scorp.	om	1	Canc.	13	storms.
14	g	Calixtus	1	1		26	
15	a	17 after Trin.	2	1	Leo	10	More wind.
16	b	Gallas	3	1		23	
17	c	Florentius	4	1	Virg.	5	Wet and
18	d	Luke Evang.	5	2		18	windy.
19	e	Stolome	6	2	Libra	0	
20	f	Tres Mich.	7	2		12	♂ ♂ ☾ Warm
21	g	Ursula	8	2		24	air.
22	a	18 after Trin.	9	3	Scorp.	6	Rain.
23	b	Term begins	10	3		18	△ ♄ ☾
24	c	Salome	11	3	Sagit.	0	Like to
25	d	Crispin	12	4		12	freez.
26	e	Amundus	13	4		24	
27	f	Mens. M. Fast	14	5	Capr.	6	
28	g	Simon & Jud.	15	5		18	☐ ♂ ☾
29	a	19 after Trin.	16	5	Aquar.	0	Something
30	b	Theonestus	17	6		13	warm.
31	c	Wolfgan. Fast	18	6		26	△ ♄ ☾

November hath xxx days.

Full moon 6 day, 7 min. past 2 after noon.

Last quart. 13 day, at 9 in the morn.

New moon 21 day, 4 min. past noon.

First quart. 29 day. 23 min. past 8 in the morn.

1	d	All Saints	19	7	Pisces	9	Cold and
2	e	All souls	20	8		23	cloudy.
3	f	Craft. anim.	21	8	Aries	8	Sleet.
4	g	Modestus	22	9		22	8 ♂ ☾
5	a	Powder trea	23	10	Taur.	7	Δ ♀ ☾
6	b	Leonard	24	10		23	Td ☉ ☿ Snow
7	c	Florentius	25	11	Gem.	8	or cold rain.
8	d	Claudius	26	12		23	Δ ♂ ☾
9	e	Theoborus	27	13	Canc.	8	Fair
10	f	Crastus	28	13		21	weather.
11	g	Martin bish.	29	14	Leo	6	Some
12	a	Sun in Sagit.	0 ♄	15		19	wind.
13	b	Craft. Mart.	1	16	Virgo	2	Rain or snowy
14	c	Erkenwald	2	17		15	wind.
15	d	Leopoldus	3	18		27	
16	e	Edmund dep	4	19	Libra	9	* ☉ ☾
17	f	Amannus	5	20		21	
18	g	Octab. Mart.	6	21	Scorp.	3	SS. ♂ ♀
19	a	22 aft. Trin.	7	22		15	* ♀ ☾
20	b	Agapine	8	23		27	Rain.
21	c	Oblat. Mary	9	24	Sagit.	9	♂ ☉ ☾
22	d	Cecilia virg.	10	25		21	Stormy
23	e	Clemens	11	26	Capr.	3	Winds with
24	f	Chyrollog.	12	27		19	hail, sleet,
25	g	Quind. Mart.	13	28		27	or snow.
26	a	23 aft. Trin.	14	29	Aquar.	10	Moist
27	b	Agricola	15	30		23	air.
28	c	Term ends	16	31	Pisces	6	Δ ♂ ☾
29	d	Saturn. Fast	17	33		19	Fair and per-
30	e	Andrew Ap.	18	34	Aries	3	haps frost.

December hath xxxi days.

Full moon 6 day, 39 min. before 1 in the morn.
 Last quart. 13 day, 59 min. past 1 in the morn.
 New moon 21 day, 57 min. past 6 in the morn.
 First quart. 28 day, at 7 at night.

1	f	Eligius bish.	19	35	Aries	17	Fine
2	g	Candida	20	36	Taur.	1	clear
3	a	Advent sun.	21	38		16	weather.
4	b	Barbara	22	39	Gem.	1	8 ♀ ☾
5	c	Sabina	23	40		16	☐ ♀ ☾
6	d	Nicholas	24	41	Canc.	1	8 ☉ ☾
7	e	Agathon	25	43		16	* ♀ ☾
8	f	Concep. of M.	26	44	Leo	0	Δ ♀ ☾
9	g	Joachim	27	45		14	SS ♀ ♀ Sleet.
10	a	2 fund. Adv.	28	46		28	Cold abated,
11	b	Damasus	19	48	Virgo	11	but cloudy
12	c	Sun in Capr.	0	49		24	and dark
13	d	Lucy bish.	1	50	Libra	6	weather.
14	e	Pelagius	2	52		18	Q. h ♀ snow
15	f	Valerian	3	53	Scorp.	0	cross
16	g	O Sapientia	4	54		12	winds.
17	a	3 fund. Adv.	5	56		24	
18	b	Sebastian	6	57	Sagit.	6	☾ apog.
19	c	Pemellus	7	58		18	☐ ♀ ☾
20	d	Emb. week	8	59	Capr.	0	Obscure air
21	e	Thomas Apo.	10	1		12	and cold win.
22	f	Elchirion	11	2		24	dy weather.
23	g	Victor Fast	12	3	Aquar.	7	
24	a	Ordination	13	5		20	Δ ♂ ☾
25	b	Christ born	14	6	Pisces	3	☐ ♀ ☾
26	c	S. Stephen	15	7		16	Snow-like.
27	d	S. John Evan.	16	8		29	☐ ♀ ☾
28	e	Innocents.	17	10	Aries	13	☐ ☉ ☾
29	f	Crescens	18	11		27	Like to
30	g	David R.	19	12	Taur.	13	freez.
31	a	1 after Chr.	20	14		25	Δ ♀ ☾

S W A L L O W.

the latter part of this
ALMANACK
for the Year of our
LORD GOD
1671.

Being the third after Bissextile, or
Leap-year, and from the Conquest
of *England* by *William Duke*
of *Normandy* 605.

Wherein we have divers things and
notes well worthy of Observation,
and not unfit for such
a Work.

CAMBRIDGE,

Printed by *John Hayes*, Printer to
the University. 1671.

G.N.

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SWALLOW 1671.

A most ready and plain Table to finde Easter day for
ever, by the Golden Number, and Sunday letter.

G.N.	A	B	C	D	E	F	G
i	Apr. 9	apr. 10	apr. 11	apr. 12	apr. 6	apr. 7	apr. 8
ii	Mar. 26	mar. 27	mar. 28	mar. 29	mar. 30	mar. 31	apr. 1
iii	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 20	apr. 14	apr. 15
iv	Apr. 9	apr. 3	apr. 4	apr. 5	apr. 6	apr. 7	apr. 8
v	Mar. 26	mar. 27	mar. 28	mar. 29	mar. 23	mar. 24	mar. 25
vi	Apr. 16	apr. 17	apr. 11	apr. 12	apr. 13	apr. 14	apr. 15
vii	Apr. 2	apr. 3	apr. 4	apr. 5	apr. 6	mar. 31	apr. 1
viii	Apr. 23	apr. 24	apr. 25	apr. 19	apr. 20	apr. 21	apr. 22
ix	Apr. 9	apr. 10	apr. 11	apr. 12	apr. 13	apr. 14	apr. 8
x	Apr. 2	apr. 3	mar. 28	mar. 29	mar. 30	mar. 31	apr. 1
xi	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 20	apr. 21	apr. 22
xii	Apr. 9	apr. 10	apr. 11	apr. 5	apr. 6	apr. 7	apr. 8
xiii	Mar. 26	mar. 27	mar. 28	mar. 29	mar. 30	mar. 31	mar. 25
xiv	Apr. 16	apr. 17	apr. 18	apr. 19	apr. 13	apr. 14	apr. 15
xv	Apr. 2	apr. 3	apr. 4	apr. 5	apr. 6	apr. 7	apr. 8
xvi	Mar. 26	mar. 27	mar. 28	mar. 22	mar. 23	mar. 24	mar. 25
xvii	Apr. 16	apr. 10	apr. 11	apr. 12	apr. 13	apr. 14	apr. 15
xviii	Apr. 2	apr. 3	apr. 4	apr. 5	mar. 30	mar. 31	apr. 1
xix	Apr. 23	apr. 24	apr. 18	apr. 19	apr. 20	apr. 21	apr. 22

¶ When ye have found the Dominical or Sunday letter in the uppermost line, guide your eye downward from the same, till you come right over against the Prime or Golden Number noted with these letters G. N. and there is shewed both what Moneth, and what day of the Moneth Easter falleth that year. As for Example: The Sunday letter this year (1671) is A. and the Golden Number 19. I finde A in the head of the Table, and guiding mine eye down that Column till I come right against 19 on the side under the title G. N.

B 2

I finde

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I finde *Easter* Day to be *April* the 13. The like method isto be observed for any other year.

And note, that when the Golden Number is either 5. 13. or 16. and the Dominical or Sunday Letter G. that then *Easter* day falleth on *March* 25; or our *Lady* day. But when the Golden Number is 8, and the Dominical letter C, then *Easter* day falleth on the 25th of *April*, or *S^t Marks* day.

Note also that *Easter* day ever falleth between the 21th of *March*, and the 16th of *April*: but those two days are to be excluded; for it never falleth on them, but between them.

Of the Golden Number in more particular.

THE Golden Number is a Periodical revolution of 19 years, in which time all the Lunations or Aspects between the Sun and Moon return to the same place they were at 19 years before. Which is in a manner true, but not exactly so: for in 19 years there is an Anticipation of an hour and an half very near, wanting but 75 seconds; so that look what Conjunction happens this year in *Aries* at noon, will 19 years hence be an hour and an half before noon. This Circle is called *Decennovenalis circulus*, whose parts are called the Golden Number, because at the first they were written with Golden Characters in Tables of Silver, and so sent to *Rome*; or for that they came to be written in red or Golden Letters in the Kalender. Now to finde this Number, do thus. Add one to the year of the Lord in which you seek for it, and dividing the whole by 19 the remainder will be the Prime or Golden Number, or if nothing remain, then will 19 be that number.

1	G.F
10	B
19	E
28	A

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Of the Cycle of the Sun, and Dominical Letter, and how to finde them.

THE Cycle of the Sun is nothing else but a Revolution of 28 years, in which time the Dominical Letters make all their severall changes: and it is called the Cycle of the Sun, not for that it sheweth any motion of the Sun, but because by means thereof the Dominical (or Sunday) letter is always found: this Cycle comprehending all the varieties and changes the Sunday letter can have by reason of the Bissextile or Leap-year. Now to finde what this Cycle is in any year, add 9 to the year of the Lord in which you seek for it, and dividing the same by 28, the remainder will be the Cycle for that year: or if nothing remain, then you may conclude that the Cycle is 28.

And as for the Dominical Letter, it is always one of these seven letters; viz. A. B. C. D. E. F. G. which doth shew the Sunday letter, or day of the Sun all the year, unless it be in a Bissextile or Leap-year, for then there be two Dominical letters, the first whereof serveth for the time from the beginning of January to the Eve of S^t Matthias, and the other to the years end.

¶ *A table for both these.*

1	2	3	4	5	6	7	8	9
G.F	E	D	C	B.A	G	F	E	D.C
10	11	12	13	14	15	16	17	18
B	A	G	F.E	D	C	B	A.G	F
19	20	21	22	23	24	25	26	27
E	D	C.B	A	G	F	E.D	C	B
28								
A	o	o	o	o	o	o	o	o

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Of the Prime.

THe Moon is said to be primed when she is three days and eighteen hours old, being then in her half quarter and four parts of the Compass Eastwards from the Sun. This is to be observed among the Country people as a Rule to guide them in weaning of Cattel.

Of S^t Matthias in the Leap-year.

IN every Leap-year the 24 and 25 days of February, in suits at Law, are to be accounted both as one. But for keeping of Fairs, those which use to be on the 24 must be kept on the 25, because S^t Matthias is not until the 25 when it is Leap-year.

The nature of the 12 signs and 7 Planets.

- { Signs hot and dry, be *Aries, Leo, Sagittarius.*
- { Signs cold and dry, be *Taurus, virgo, Capricorn.*
- { Signs wet and cold, be *Cancer, Scorpio, Pisces.*
- { Signs that be windy, are *Gemini, Libra, Aquarius.*
- { *Aries, Taurus, Gemini, Cancer, Leo, Virgo,* be Northern Signs.
- { *Libra, Scorpio, Sagittarius, Capricorn, Aquarius, Pisces,* be Southern signs.
- { *Saturn* is cold and dry, intemperate.
- { *Jupiter* is hot and moist, temperate.
- { *Mars* is hot and dry, intemperate.
- { The *Sun* is hot and dry, temperate.
- { *Venus* is cold and moist, temperate.
- { *Mercury* is variable, according to the nature of that Planet with which he is joyned or aspected.
- { *Luna,* the Moon is cold and moist, intemperate.

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A Table of the Planets Essential dignities according to *Ptolemy*.

Signes	Planets Houses.	Exalta- tion.	Triplicity. D. N.	The Terms or boundaries of the Planets.						The Decanates or fa- ces of the Planets.						Detri- ment.	Fall.
♈	♂	19	♂	♂	6	♂	14	♂	21	♂	26	♂	30	♂	10	♂	♈
♉	♂	3	♂	♂	8	♂	15	♂	22	♂	6	♂	30	♂	10	♂	♉
♊	♂	3	♂	♂	7	♂	14	♂	21	♂	25	♂	30	♂	10	♂	♊
♋	♂	15	♂	♂	6	♂	12	♂	20	♂	27	♂	30	♂	10	♂	♋
♌	♂	—	♂	♂	6	♂	13	♂	19	♂	25	♂	30	♂	10	♂	♌
♍	♂	—	♂	♂	6	♂	13	♂	19	♂	24	♂	30	♂	10	♂	♍
♎	♂	15	♂	♂	7	♂	13	♂	18	♂	24	♂	30	♂	10	♂	♎
♏	♂	21	♂	♂	6	♂	14	♂	19	♂	24	♂	30	♂	10	♂	♏
♐	♂	—	♂	♂	6	♂	14	♂	21	♂	27	♂	30	♂	10	♂	♐
♑	♂	3	♂	♂	6	♂	14	♂	19	♂	25	♂	30	♂	10	♂	♑
♒	♂	—	♂	♂	6	♂	14	♂	19	♂	25	♂	30	♂	10	♂	♒
♓	♂	28	♂	♂	6	♂	12	♂	19	♂	25	♂	30	♂	10	♂	♓
♈	♂	27	♂	♂	6	♂	14	♂	20	♂	26	♂	30	♂	10	♂	♈

Note that a Planet in his house, or in reception of another Planet by house, hath 5 dignities, A Planet in his Exaltation, or in recep-
E 4

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prior by Exaltation hath four. A Planet in his triplicity hath three dignities; in his Term, two; and in his Decanate, one.

Note also that a Planet in his Detriment hath five debilities; and in his Fall, four.

Of a Year.

IN all matters legal, the year begins not with us until the 25th day of *March*: so that the year which begins on the first of *January* is the *Julian* year, instituted by *Julius Cesar*. It hath in it 365 days and a quarter, 8760 hours. But the Leap-year hath 366 days, or 8784 hours.

Of a Day.

A Day, in all Legal or law matters, is accounted but from Sun to Sun: so that one, who hath a sum of money to pay on a set day by bond, need not render his money before or after Sun. This kinde of day is that which we call an Artificial day; but a day Natural is to be accounted from midnight to midnight, and so is the day reckoned for indictments of murder.

Of the Eclipses this Year.

THERE will be no Eclipse visible this year in *England*, but onely a part of one of the Moon, on the eighth day of *September* at night. For on that day about ten minutes after six at night, the Moon (if Clouds hinder not) may be seen to rise in a total Eclipse, and is not quite out of it until two hours and twenty minutes after.

Smaller 1671.

Of Rain.

Rain is a cold vapour, and earthly humour, drawn from the earth and waters into the middle Region of the air, where (by the extremity of cold) it is thickened into the body of a cloud, and after (being dissolved) falleth upon the earth.

Of the Rain-bow.

Pliny saith the Rain-bow is made by the Sun-beams striking upon an hollow cloud, when the edge is repelled, and beaten back against the Sun; and thus ariseth variety of colours, by the mixture of clouds, air, and fiery light together.

Of Hail.

Hail is ingendred of Rain congealed into Ice, freezing the drops presently after the dissolution, whereby we have great irregular stones (sometime four inches about, and oftner less) fall upon the earth. For the higher it cometh, and the longer it tarrieth in the air before it come, the lesser and rounder it is.

Of Snow.

Snow is of the same humour that Hail is, but not congealed or grown together so hard. *Pliny* saith, Hail sooner melts then Snow, and that Hail cometh oftner in the day then in the night. But sure enough those Winters are best for the earth, and things growing thereon, which have most Snow in them.

Or rather thus. There is no great difference between the matter of Snow, and matter of Rain and Hail; excepting (as some think) that the vapour for snow is of an hotter quality then the vapour for Rain, and yet not so hot as that which is the material cause of Hail. For it is

2 tenet among Philosophers, that hot things being cooled are apter for congelation then cold; as is seen in warm Water, sooner frozen then that which never felt the fire.

Why Snow is white.

THe whiteness that is in Snow proceedeth not from its own proper colour, but rather it is in respect of those parts which are more airy then the rest: whereupon I finde some Authours who determine the case thus; namely, that the White is by receiving the light into it at those many small parts; even as in froth and some is seen. For *Nix est spuma quadam*, Snow is a kinde of froth: and when it looseth part of its frothy nature, and begins to melt, it looseth also part of that whiteness which at the first it retained. To this also may be added the coldness that is infused into it when it is congealed, as being a cause of whiteness; even as in Phlegmatick bodies and cold Countreys may be seen: For such People are always whiter of complexion than others; cold being the cause of that their whiteness.

Of Dew.

DEw consisteth of a cold and moist vapour which the Sun draweth into the air: from whence, when it is somewhat thickned and condensed through cold of the night, and also of the place whither the Sun exhaled it, it falleth down in very small and indiscernible drops, to the great refreshment of the earth. The morning and the evening are the onely times that it falleth, the Sun both positively and privatively causing it. Some dews are very bad both to corn and sheep: skilful Shepherds therefore will not drive out their sheep to feed till the wind or Sun have licked the tops of the Grass.

Of Mists.

There be two kinds of Mists; the one ascending, the other descending: and so Dr *Falk* observeth.

That which ascendeth goeth up out of the water or earth as smoke, but seldom spreads it self any thing far; being most of all seen about rivers and moist places.

The other (saith he) namely, that which descendeth or goeth down towards the earth is when any vapour is lifted up into the air by heat of the Sun, which, not being strong enough to draw it so that the cold may knit it, suffereth it to fall down again after it is a little thickned; and so it filleth all the air with gross vapours, obscuring the Sun from shining on us.

Now this last kinde is either congealed, or incongealed. The congealed comes near to the nature of that matter whereof white Frosts consist, and is never but in a cold time. The incongealed are in warmer and more temperate Seasons, coming near the nature of that matter which is the matter of dew.

Some call this Meteor a steril vapour hanging near the earth, being neither moist enough to drop like rain, nor yet hot enough to be carried up on high into the air. Yet as steril as it is, sometimes we finde that it is but the forerunner of rain: For when it departeth, if it ascendeth, then rain followeth; if it descendeth, then expect a hot and fair day.

How the Heathen used to secure their fields from Hail and other harms.

The ancient husbandmen among the Heathens (as *Cato* and *Pliny* mention) had certain charming verses to keep hail and other dreadful calamities from their Fields. They would also (as *Palladius* saith) take the skins of Crocodiles, Hyenas's, or Sea-calves, and lay

lay them here and there about their Grounds; Or else they would have a bloody **A**d lifted up in threatening manner against the Heavens; or else an Owl set staring up, with her feathers spread abroad. All which are but magical, devilish, and absurd practises: such as even an old doting woman (whose confidence is in the sheers and the sieve) cannot but acknowledge to be void of any the least shew of reason: fit therefore for Heathens onely, and not for Christians. For let Christians know that there is a God above, who can better secure their Fields and other grounds, then all those Magick spels and foolish fopperies; as may be read at large in the 28th chapter of Deuteronomy. Let a Christian also add unto this the danger of devilish practices with the unlawfulness of Charms and Incantations. For *there shall none such be found among you: All that do these things are an abomination to the Lord,* Deut. 18. 10, 11, 12.

*What the Jews use to do at the sight
of the Rain-bowe.*

AS soon as they behold it (not daring to gaze upon it) they go presently forth and confess their sins, acknowledging that they are worthy to be destroyed with a Floud as the old World was; and in being spared they celebrate the mercy and clemency of God for sparing them. But this practice they stained with superstition, vainly perswading themselves that the Word *Febovah* was engraven on the Bow: and therefore they turned away their eyes from it, as from the Majesty of God appearing there.

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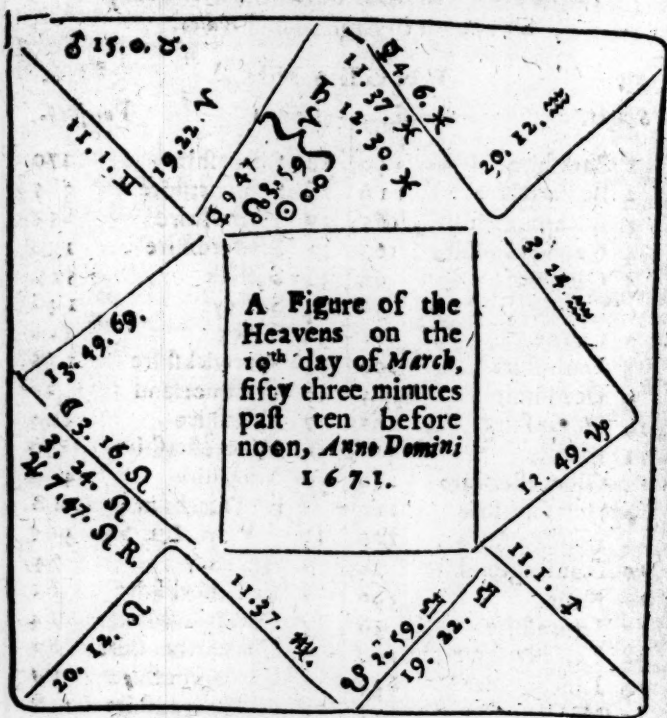
A table of all the Shires, together with the
number of Parishes contained in every

Shire both in *England* and *Wales*.

ENGLAND.		3856.	
Shires.	Parishes.	Shires.	Parishes.
1 Barkshire	140	28 Shropshire	170
2 Bedfordshire	116	29 Somersetshire	385
3 Buckingham	185	30 Hampshire	253
4 Cambridgeshire	163	31 Staffordshire	130
5 Cheshire	68	32 Suffolk	575
6 Cumberland	58	33 Surrey	140
7 Cornwall	161	34 Sussex	312
8 Darbshire	106	35 Warwickshire	158
9 Devonshire	394	36 Westmorland	26
10 Dorsetshire	148	37 Wiltshire	304
11 Essex	415	38 Worcestershire	152
12 Gloucestershire	280	39 Yorkshire	459
13 Hartfordshire	120	B. Durrham	218
14 Herefordshire	176	13 W A L E S	965
15 Huntingtongshire	78	1 Anglesey	74
16 Kent	398	2 Brecknockshire	61
17 Lancashire	36	3 Cardiganshire	64
18 Leicestershire	200	4 Carmarthenshire	87
19 Lincolnshire	630	5 Carnarvonshire	68
20 Middlesex	73	6 Clamorganshire	118
21 Norfolk	660	7 Denbighshire	57
22 Northamptonsh.	320	8 Flintshire	28
23 Northumberland	168	9 Merionethshire	37
24 Nottinghamshire	168	10 Monmouthshire	127
25 Oxfordshire	280	11 Montgomery	47
26 Richmondshire	104	12 Pembrokehire	145
27 Rutlandshire	47	13 Radnorshire	40
			The

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The Sun enters *Aries* this year on the tenth day of March, 53. min. past 10 in the forenoon.



The Sun enters *Cancer* on the eleventh day of June, 39 min. past 1 after noon.

He enters *Libra* on the thirteenth day of September, 49 min. past 4 in the morning.

He enters *Capricorn*, December 11, 38 minutes past four at night.

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Wor
Yarn
York

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A Table of the Longitude and Latitude of
some notable Cities and Towns in
England, Scotland, and Wales.

	Longitude.		Latitude.	
	Degr.	min.	Degr.	min.
Barwick	22	37	55	33
Bristol	21	43	53	53
Caermarthen	20	8	52	41
Camarvan	20	8	53	15
Chester	21	40	53	32
Chichester	23	37	50	51
Colchester	25	25	52	0
Coventry	22	45	52	42
Cockermouth	21	26	55	7
Cambridge	24	25	52	15
S ^t . Davids	19	13	52	17
Dover	25	44	51	10
S ^t . Edmonds-bury	24	37	52	27
Edenborough	23	50	56	15
Exeter	21	42	50	50
Flamborough	26	10	54	10
Glocester	22	11	52	10
Hereford	25	43	52	22
Lancaster	21	55	54	22
LONDON	24	20	51	32
Ludlow	21	46	52	43
Lizard point	19	25	50	10
Manchester	22	0	53	42
Norwich	25	36	52	45
Oxford	23	26	51	47
Peterborough	24	0	52	40
Quinborough	25	10	51	32
Rye	25	10	51	0
Shrewsbury	21	47	53	0
South-hampton	22	58	50	10
Tinmouth	24	20	55	10
Walsingham	25	13	52	54
Worcester	23	12	52	30
Yarmouth	26	0	52	46
York	23	30	54	30

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A plain and easie Table shewing the true interest due upon any sum of money from five shillings to an hundred pounds for a year or under, after the rate of six pounds in the hundred.

1 1 shil. 1	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.		
	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.	lb.	p.	q.
5	0	0	1	0	0	3	0	1	3	0	2	2	0	3	1
10	0	0	2	0	1	3	0	3	2	0	5	2	0	7	0
15	0	0	3	0	2	2	0	5	1	0	8	0	0	10	1
1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	1
3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
4	0	4	3	1	2	1	2	4	2	3	6	3	4	9	0
5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
1	po.	lb.	p.	po.	lb.	p.	po.	lb.	p.	po.	lb.	p.	po.	lb.	p.
10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Pounds.
1
Tens of pounds.

This

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This Table sheweth the length of the day in
the first six moneths.

	January	February	March	April	May	June
	ho. m.	ho. m.	ho. m.	ho. m.	ho. m.	ho. m.
1	7 54 9	32 11	20 13	26 15	14 16	25
2	7 56 9	36 11	24 13	30 15	18 16	26
3	7 58 9	38 11	28 13	34 15	20 16	27
4	8 0 9	42 11	32 13	38 15	24 16	28
5	8 2 9	44 11	36 13	42 15	26 16	29
6	8 4 9	48 11	40 13	46 15	30 16	30
7	8 6 9	52 11	44 13	50 15	34 16	31
8	8 10 10	56 11	48 13	52 15	36 16	32
9	8 12 10	0 11	52 13	56 15	40 16	33
10	8 14 10	4 11	56 14	0 15	42 16	34
11	8 16 10	8 12	0 14	4 15	44 16	34
12	8 18 10	12 12	4 14	8 15	46 16	34
13	8 22 10	14 12	8 14	12 15	48 16	34
14	8 26 10	18 12	12 14	16 15	50 16	34
15	8 30 10	22 12	16 14	18 15	52 16	33
16	8 34 10	26 12	20 14	22 15	54 16	32
17	8 36 10	30 12	24 14	24 16	56 16	31
18	8 40 10	34 12	28 14	28 16	58 16	30
19	8 44 10	38 12	32 14	30 16	0 16	29
20	8 48 10	42 12	36 14	34 16	4 16	28
21	8 52 10	46 12	40 14	38 16	8 16	27
22	8 56 10	50 12	44 14	42 16	10 16	26
23	9 0 10	54 12	48 14	46 16	12 16	25
24	9 4 10	58 12	52 14	48 16	14 16	24
25	9 8 11	4 13	56 14	52 16	16 16	23
26	9 12 11	8 13	2 14	56 16	18 16	22
27	9 14 11	12 13	6 15	0 16	20 16	21
28	9 18 11	16 13	10 15	4 16	22 16	20
29	9 22 0	0 13	14 15	8 16	24 16	19
30	9 26 0	0 13	18 15	10 16	26 16	18
31	9 30 0	0 13	22 0	0 16	28 00	0

C

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Swallow 1671.

This Table sheweth the length of the day in the
fix list moneths of the year.

Days	July		August		Septemb.		Octob.		Novemb.		Decemb.	
	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.	ho.	m.
1	16	14	14	14	12	46	10	48	8	52	7	36
2	16	12	14	42	12	44	10	42	8	48	7	34
3	16	10	14	38	12	40	10	38	8	44	7	31
4	16	8	14	34	12	36	10	34	8	40	7	31
5	16	6	14	30	12	32	10	30	8	36	7	30
6	16	4	14	28	12	28	10	26	8	34	7	29
7	16	0	14	24	12	24	10	22	8	30	7	28
8	15	58	14	22	12	20	10	19	8	26	7	27
9	15	56	14	18	12	16	10	14	8	22	7	27
10	15	52	14	16	12	12	10	10	8	18	7	26
11	15	50	14	12	12	8	10	8	8	16	7	26
12	15	48	14	8	12	4	10	4	8	14	7	26
13	15	46	14	4	12	0	10	0	8	12	7	26
14	15	44	14	0	12	56	9	56	8	10	7	26
15	15	42	13	56	11	52	9	52	8	8	7	27
16	15	40	13	52	11	48	9	48	8	6	7	27
17	15	36	13	50	11	44	9	44	8	4	7	28
18	15	34	13	46	11	40	9	42	8	2	7	29
19	15	30	13	42	11	36	9	38	8	0	7	30
20	15	26	13	38	11	32	9	36	7	58	7	31
21	15	24	13	34	11	28	9	32	7	56	7	32
22	15	20	13	30	11	24	9	30	7	54	7	34
23	15	18	13	22	11	20	9	26	7	52	7	36
24	15	14	13	22	11	16	9	22	7	50	7	38
25	15	10	13	18	11	12	9	18	7	48	7	40
26	15	8	13	14	11	8	9	14	7	46	7	42
27	15	4	13	10	11	4	9	12	7	44	7	46
28	15	0	13	6	11	58	9	8	7	42	7	44
29	14	56	13	2	10	54	9	4	7	40	7	48
30	14	52	12	57	10	50	9	0	7	38	7	50
31	14	48	12	52	00	00	8	56	0	00	17	52

Other notes fit to be known.

NOte that sixty minutes make an hour. Forty five minutes make three quarters of an hour. Thirty minutes make half an hour. Fifteen minutes make a quarter of an hour. Twelve inches make a foot. Three feet, or 36 inches make a yard. Three feet nine inches, or 45 inches make an ell. Sixteen feet six inches make one pole or rod to measure land withall. Forty poles make one Furlong. Eight Furlongs make one mile. Five foot make a pace: 1000 such paces make an *Italian* mile, which is shorter by 280 foot then the *English* mile.

*Observations for Husbandmen,
and others.*

IN *January* take away superfluous branches from fruit-trees, and prepare your ground for gardens, uncover tree-roots, cut your vines in some of the twelve dayes.

Set quick-sets, rose, and sallets in the moneth of *Februarie*. And now cover up the roots of your trees with good earth, which you opened in the beginning of *January*.

In *March* you may graft; but in planting and grafting chuse a warm time; wherefore let not the wind be in the *East* or *North*, because such winds are commonly nipping, especially being helped by any aspect of the Moon, with *Saturn*

or *Venus*, in cold signes; as *Virgo*, *Capricorn*, *Taurus*, *Scorpio*, *Pisces*, or *Cancer*.

In the end of *April*, or beginning of *May*, set and sow tender herbs and seeds in your gardens, in a good temperature of air.

If you mean to preserve flowers or seeds, gather them in a full moon; let the sun shine first upon them, and they will keep the better. But let them not be dried in the sun, lest the sun draw away part of their virtue.

Remove young trees either in the end of *October*, *November*, or *February*, the moon increasing: and be sure to set that side south which was south before; because it cannot endure the cold north.

Shear sheep the moon increasing, and their fleeces will grow the better again. The like observe for cutting of hair, the moon in *Taurus*, *Scorpio*, or *Libra*.

Geld cattel the moon in *Aries*, *Sagittarius*, *Capricorn*, being in her last quarter.

Gather all fruits that you mean to keep, in a dry time when the moon is at the full.

Sow all such seeds as have round roots (as onions, leeks, turneps, &c.) either three or four days before the Full, or three or four days after the full.

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Of many and sundry Fairs in England, as they have heretofore been set forth by others, and are now continued for the common good.

January.

The 5 day at Hickerford in Lancashire: the 6 day at Salisbury: the Thursday after at Banbury: the 25 at Gravesend, Bristol, Churchingford, Northallerton in Yorksh. every Wednesday from Christmas untill June.

February.

The first day at Bromly in Lancashire: the 2 day at Reading in Barksh. Maidstone, Bicklesworth, Becklesfield, Bath, Lin, Bugworth: the 3 day at Brogrove: on Valentines day at Oundle in Northamptonshire, Faversham: the 24 day at Henly upon Thames, Baldock: on Ashwednesday at Royton, Danstale, Eaxon, Tamworth, Tunbridge, Lichfield, Excester, Ciceter: the first Thursday in Lent at Banbury.

March.

The 3 day at Bromwel-braks in Norfolk: the 4 at Bedford: the 12 at Alsome in Norfolk, Sudbury, Woburn: the 13 at Wye, Bodwin in Cornwall: the 20 at Durham: the Monday before our Lady-day at Kendal, Wisbich: the 25 day at Huntington, Northampton, Malden, Ashwel in Hartfordshire, Newcastle: Midlent at Saffron-Walden in Essex: Goodfriday at Norwich: Palmunday-eve at Wisbich, Worcester, Pomfret.

April.

Easter-monday at Oney in Bedfordsh. Gainsborough: Easter-tuesday at Daintry in Northamptonsh. Godmonchester.

chester, Schole in Norfolk, S. Edmonds bury: on Wednesday at Wellingborough in Northamptonsh. on Friday in the same week at Darby: on Saturday in Bicklesworth: the 2 at Hitchen, Rochford, Northfleet: the 7 at Darby: the 9 at Billingsworth, Bicklesworth: the 11 at Stabford: the 13 at Ipswich. Harbin in Norfolk, Northampton, Sapfar in Hartfordsh. Charing, Hinningham, Tamworth, Bury in Lancashire, S. Pombs in Cornwall: the 17 at Dunmow in Essex, Oakham in Rutlandshire, Buckingham, Darby: the 19 at Tenderden in Kent, Cleet: the 30 at Beverly a week together.

May.

The first day at Haveril in Essex, Layton-buzzard in Huntingdonsh. Rippon in Yorksh. Reading, Maidstone, Tuxford in the clay: the 3 at Elbow in Bedfordsh. Non-eaton in Warwicksh. Thedford in Norfolk, Chelmsford in Essex, Walham-Abby, Hinningham, Rochdale, Bramyard: the 7 at Newton in Lancashire, Beverly, Oxford: the 10 at Rochester, Dunstable, Magfield in Suffolk: on Rogation-munday at Reach: on Ascension-day at Thaxted, Beverly, Rippon, Sudminster, Bishopsstratford, S. Eedes, Wickam in Lancashire, Middlewich in Chesh. Chappel-frith in Darbyshire: on Whitfun even at Skipton in Craven: on Whitfun-munday at S. Ives, Rygate in Surrey, Bicklesworth, Bradford, Agmunsham in Buckinghamsh. on Whitfun-tuesday at Newmarker: on Wednesday at Royston: on Thursday at Oundle in Northamptonshire: the 16 day at Lenham: the 19 at Crainbrook.

June.

On Trinity-eve at Rowel, Kendal: on Corpus Christi at Binbury, Bishops-stratford, S. Bedes, Coventry, Newbury: the 9 at Maidstone: the 11 at Brene in Norfolk, Bardfield in Essex: the 17 at Hadstock: the 23 at S. Albans,

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S. Albans, Deerham in Norfolk, Shrewsbury: the 24 at
Halton in Suffolk, Barnwel beside Cambridge, Bedford,
Colchester, Rufford, Reading, Windsor, Halifax, Hart-
ford, Beverly, Hallingden: the 26 at Bristol, Darby:
the 27 at Burton on Trent, Folsome: the 28 at S. Pomba
in Cornwall: the 29 at Peterborough, Ashwell, Sudbury,
Stobbing, in Essex, Benington in Hartfordshire.

July.

The 1, 2, and 3 days at Congestone in Chesh. the 7
at Royton, Burnwood: the Monday after at Foding-
ham: the 11 at Partney for horses: the 20 at Uxbridge,
Coolidge, Woodstock, Barkway: the 22 at Ickleton,
Bickelworth, Norwich, Colchester: the 25 at Audly-
tad beside Walden, Reading.

August.

The first day at Bedford, S. Eedes, Dunstable, Fever-
ham, Wisbich, Bickelworth, Stonistratford: the 10 at
Blackmore, Harply in Norfolk, Thaxted in Essex, St.
Ives, Bedford, Banbury, Farnham, Brainford: the 15 at
Cambridge, Huntingdon, Dunmow, Luten, Northam-
pton: the 24 at London, Sudbury, Norwich, Oxford,
Northalerton, Dover, Beggars-bush, Burton: the 29 at
Halton in Suffolk, Harlow-bush in Essex, Watford.

September.

The first day at S. Giles in the bush: on Thursday &
Friday next before the 8 day, at Sandbach in Chesh. the
8, 9 and 10 days at Woodbury-hill in Dorsetsh. the 7
at Ware: the 8 at Huntingdon, Bury in Lancash, Part-
ney, Wakefield, Northampton, and Sturbridge fair be-
gining to Cambridge begins: the 14 at Rippon for hor-
ses, Waltham-Abbey, Chesterfield in Darbshire, Rich-
mond: the 21 day at Marleborough, Bedford, Baldoc,
Edmondsbury, Holden in Holderness, Braintry, Brack-
lymaiden,

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lymaiden, Malden, the 19 at S. Ives, Basingstoke, Market-deeping, Shelford in Bedfordshire, Bishopstortford, Malden for horses, Stow in Lincolnshire; Thursday after at Banbury.

October.

The 1 at Salisbury: the 6 at Havent in Hampshire, Maidston, Coolidge, Gayworth by Lin, S Faichs: the 8 at Bishopstortford, Harborough: the 9 at Gainsborough in Lincolnsh. the 13 at Windsor, Colchester, Gravesend: the 18 day at Ely, Bishopshafield, Baner, Banbury, Thirst, Burton on Trent: the 21 day at Saffron Walden: the 23 at Bieleworth: the 24 at Newmarket, Dis in Norfolk, Wakefield, Richmond in Lancashire.

November.

The 1 day at Chelmsford: the 2 at Epping, Stone on Thames, Padamhaston in Suffolk: the 6 at Newport-pond, Bedford, Hartford: the 11 at Ely in Norfolk, Lenton in Nottinghamshire, Henham in Norfolk, Fockingham in Lincolnshire, Bridgton in Northamptonsh. Marleborough: the 17 at Spalding in Lincolnshire, Harlow, Lincoln, Northampton: the 19 at Horsham in Kent: the 21 at S. Edmondsbury, Ingerstone in Essex: Heath: the 22 at Sandwich: the 30 at Baldoc, Bareford, Kollingrough, Maidenhead, Warrington, Rochester.

December.

The 5 at Pluckly: the 6 at S. Eedes, Woodstock, Spalding, Norwich in Cheshire, at Exeter, Seaton in Kent, Arundel, Grantham: the 7 at Sandhurst: the 8 at Northampton, Clicheral in Lancashire, Warrington, Malpas in Cheshire: the 29 at Canterbury, Salisbury.

FINIS.